



Atty Dkt No. 014357-0278746  
Pat. App. Ser. No. 09/674,014

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION OF

Fang

Group Art Unit: 1639

Ser. No.: 09/674,014

Examiner: Padmashri Ponnaluri

Filed: February 8, 2001

Title:  
IDENTIFYING LIGANDS OF TARGET  
PROTEINS WITH TARGET  
COMPLEMENTARY LIBRARY  
TECHNOLOGY (TCLT)

**RESPONSE TO RESTRICTION REQUIREMENT**  
**UNDER 35 U.S.C. 121**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 10, 2004, in connection with the above-identified application, Applicant elects to species to Group I, claims 1 to 4, 8 and 9, wherein the complementary amino acids are selected based on their hydropathy, for prosecution in the above-identified application.

**Certificate of Mailing Under 37 C.F.R. §1.8**

I hereby certify that this correspondence along with any paper referred to as being attached is being Mailed to Addressee by service of the United States Postal Service addressed to Commissioner for Patents, P.O. Box, 1450, Alexandria, VA 22313-1450

By: \_\_\_\_\_

Sachiko Y. Snedden

Date: April 15, 2004

04/20/2004 CCHAU1 00000158 502212 09674014

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In response to the species election requirement "a," the amino acid core sequence for ICAM-1 is 14 amino acids in length, from the amino-terminus to the carboxy-terminus as follows: **P D G Q S T A K T F L T V Y**.

In response to the species election requirement "b," the complementary amino acids, which can be in the direction of the amino terminus to the carboxy terminus or in the direction from the carboxy terminus to the amino terminus (see page 4, lines 8-11, of the specification), for each amino acid of the core ICAM-1 sequence are as follows:

**P D G Q S T A K T F L T V Y**

Amino terminus to carboxy terminus: 0 + 0 + 0 0 - + 0 - - 0 - 0

Carboxy terminus to amino terminus: 0 - 0 - - 0 + - 0 0 + 0 + 0

Where amino acid positions indicated with "0" are: G, T, S, W, Y or P;

Where amino acid positions indicated with "+" are: A, M, C, F, L, I or V; and

Where amino acid positions indicated with "-" are: H, N, Q, E, D, K or R.

If the Examiner has any questions regarding this Response and the elected invention, Applicant respectfully requests that she contact the undersigned prior to issuance of any Office communication.

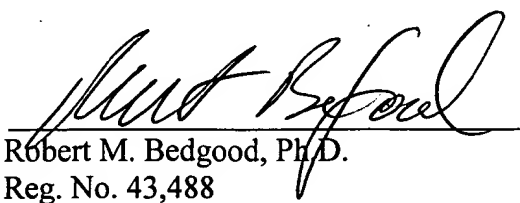
A fee of \$55.00 (one month extension fee, small entity) is incurred for filing this Response. The Commissioner is hereby authorized to charge any fee, that may be due in connection with this and the attached papers, or with this application during its entire pendency, or to credit any overpayment, to **Deposit Account No. 50-2212, Order No. 014357-0278746**.

Respectfully submitted,

Pillsbury Winthrop LLP

Date: April 15, 2004

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By   
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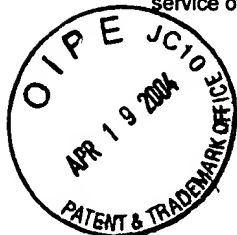
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By: \_\_\_\_\_

Sachiko Y. Snedden

Date: April 15, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT  
APPLICATION

Inventor(s): Fang

Appln. No.:	09	674,014
	Series Code ↑	Serial No. ↑

Filed: February 8, 2001

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Group Art Unit: 1639

Examiner: Ponnaluri P.

Atty. Dkt.	014357-0278746
	C-M

Client Ref

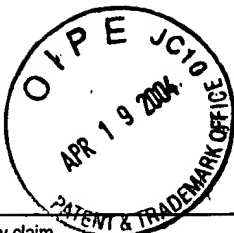
Appln. Title: IDENTIFYING LIGANDS OF TARGET  
PROTEINS WITH TARGET  
COMPLEMENTARY LIBRARY  
TECHNOLOGY (TCLT)

Sir:

REPLY/AMENDMENT/LETTER

Date: April 15, 2004

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.



## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input checked="" type="checkbox"/> made previously		For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendmen t	Highest number previously paid for	Present Extra	Large/Small Entity	Addition al Fee	Fee Code  Lg/Sm
2. Total Effective Claims			**minus				x \$18/\$9 =	+ \$0	1202/2202
3. Independent Claims			***minus				x \$86/\$43 =	+ \$0	1201/2201
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)							+ \$290/\$145 =	+ \$0	1203/2203
5. Original due Date: April 10, 2004		<input type="checkbox"/> NONE							
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =				+ \$55		1251/2251 1252/2252 1 253/2253 1254/2254 1255/2255
		(2 mos)	\$420/\$210 =						
		(3 mos)	\$950/\$475 =						
		(4 mos)	\$1,480/\$740=						
		(5 mos)	\$2,010/\$1,005=						
7. Enter any previous extension fee paid since above original due date and subtract							- \$0		
8.							Extension Fee	+ \$55	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....							+ \$110/\$55	+ \$0	1814/2814
10. If IDS attached requires Official Fee under Rule 97 (c), .....							+ \$180	+ \$0	1806
or if Rule 97(d) Request .....							+ \$180		1806
11. After-Final Request Fee per rules 129(a) and 17(r) .....							+ \$770/385	+ \$0	1809/2809
12. No. of additional inventions for examination per Rule 129(b).....							x \$770/385 ea	+ \$0	1810/2810
13. Request for Continued Examination (RCE) .....							+ \$770/385	+ \$0	1801/2801
14. Notice of Appeal .....							+ \$330/165	+ \$0	1401/2401
15.							TOTAL FEE =	\$55.00	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".							PLEASE CHARGE OUR DEP. ACCT		
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.									
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.									

(Our Deposit Account No. 50-2212)

(Our Order No. 014357 0278746  
C# M#)

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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Intellectual Property Group

By Atty: Robert M. Bedgood, Ph.D.

Sig:

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments